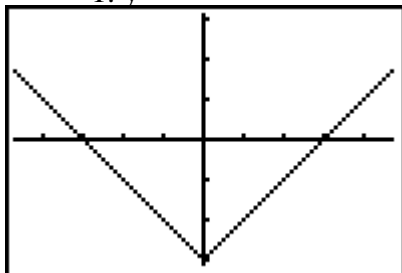
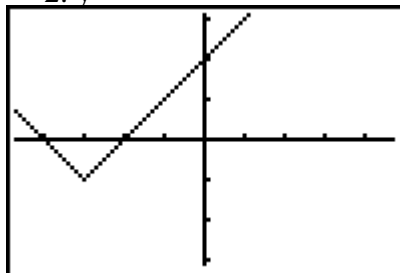
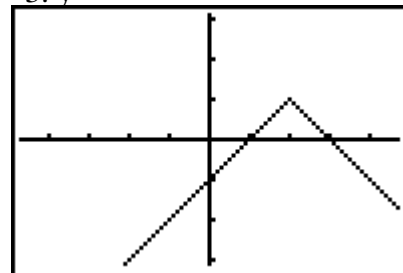


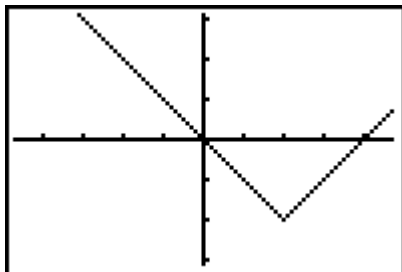
Name \_\_\_\_\_

Date \_\_\_\_\_

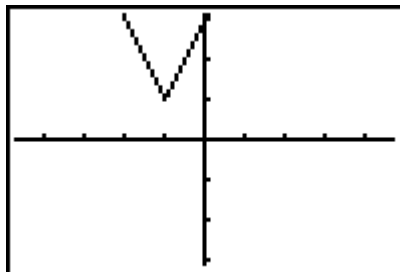
Give the equation of each absolute value graph below. Use the calculator to check your prediction. Use the window  $[-4.7, 4.7]$  by  $[-3.1, 3.1]$

1.  $y =$ 2.  $y =$ 3.  $y =$ 

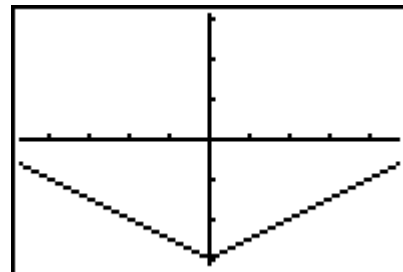
4.



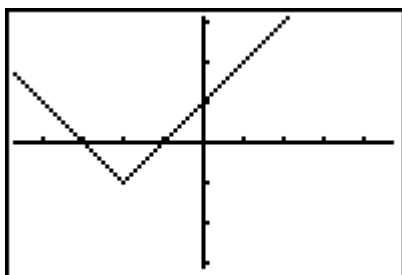
5.



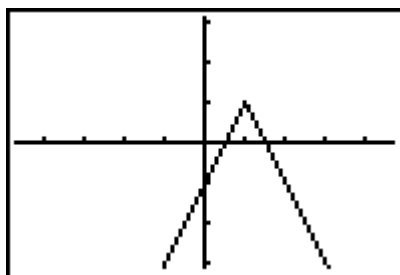
6.



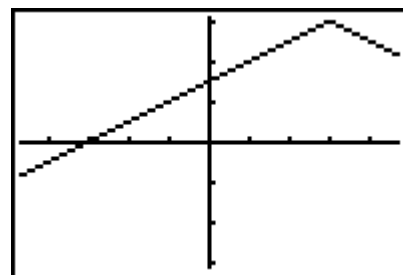
7.



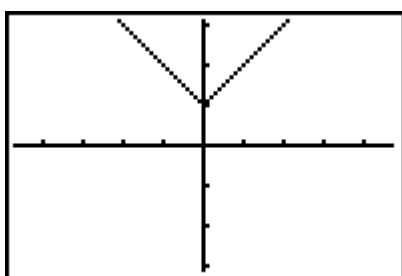
8.



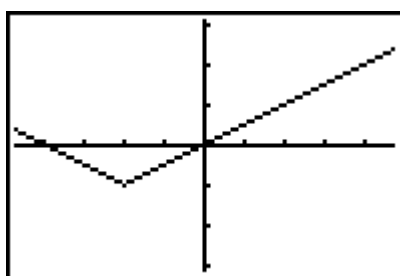
9.



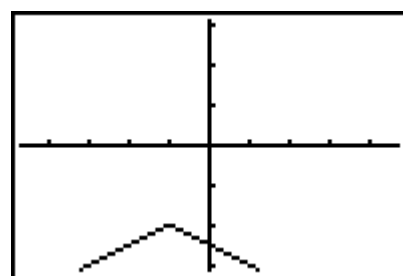
10.



11.



12.



Use the back to sketch the following graphs:

13.  $y = |x + 3|$

14.  $y = |x - 2|$

15.  $y = |2x + 1| - 3$

16.  $y = -2|x| + 3$

17.  $y = |x| - 2$

18.  $y = |x + 5| + 1$